

Comment 1 for To Consider Proposed Control Measure for Ocean-Going Vessels At Berth (ogvatberth2019) - 45 Day.

First Name: Dennis

Last Name: Miller

Email Address: dfmiller@msn.com

Affiliation:

Subject: comments on ships at berth

Comment:

Ships at berth allowed to operate engines using fossil fuels should be required to switch from such engines to Hydrogen Fuel Cells (HFC) as an energy source. Such HFC when operated have no air emissions. Using renewable Hydrogen, the supplier of Hydrogen will be eligible for financial benefits, which will help lower production cost. The only by-product of operation is water, which can be recycled in the ship's water system. Without air emissions, the air in the Port will be cleaner and there will not be any CO2 emissions that contribute to climate change. In addition, the health and public safety of ship employees, workers supplying the ship with goods and services, guests on the ship, and people working in and near the port will have improved health, which will contribute to lowering medical costs in support of all people who are in or near the ship. HFC's are currently in use in cars, buses, trucks, trains, and in some ships around the world. HFC is an emerging technology that will surpass the use of battery power for all such vehicles, trains, and ships without the problem of toxic battery disposal and the length of time required to recharge batteries. Refueling time for HFC equipment takes less than five minutes for an auto. Larger systems will probably require more time, but still much shorter time than battery recharging. Looking at this issue holistically, such ships should be served by trucks and buses and even fork lifts that use HFC as a source of energy. The sale price of the renewable Hydrogen is about the same as high test gasoline or diesel now used by many vehicles. If questions arise about the practicality or cost of such renewable HFC, I can easily provide supporting data and cost analysis for all points briefly stated above.

Attachment:

Original File Name:

Date and Time Comment Was Submitted: 2019-10-26 12:26:35

No Duplicates.

Comment 2 for To Consider Proposed Control Measure for Ocean-Going Vessels At Berth (ogvatberth2019) - 45 Day.

First Name: Jerilyn

Last Name: Mendoza

Email Address: Non-web submitted comment

Affiliation: Coalition for Clean Air

Subject: FAQs: California Air Resources Board Proposed At-Berth Regulation for Ocean Going Vessels

Comment:

Please see attached

Attachment: www.arb.ca.gov/lists/com-attach/2-ogvatberth2019-VjUBZFc3A34Fcwdj.pdf

Original File Name: cca.pdf

Date and Time Comment Was Submitted: 2019-11-07 14:37:58

No Duplicates.

Comment 3 for To Consider Proposed Control Measure for Ocean-Going Vessels At Berth (ogvatberth2019) - 45 Day.

First Name: David

Last Name: Mik

Email Address: mik@PowerEngConstruction.com

Affiliation: Power Engineering Construction Co.

Subject: Comments on Proposed Control Measure for Ocean-Going Vessels at Berth

Comment:

Please see attached comment letter. Thank you.

Attachment: www.arb.ca.gov/lists/com-attach/3-ogvatberth2019-UzAHYFckAzJQCVc0.pdf

Original File Name: CARB Comment Letter_At Berth Regulations_11062019.pdf

Date and Time Comment Was Submitted: 2019-11-08 10:06:39

No Duplicates.

Comment 4 for To Consider Proposed Control Measure for Ocean-Going Vessels At Berth (ogvatberth2019) - 45 Day.

First Name: David

Last Name: Mik

Email Address: Non-web submitted comment

Affiliation: Power Engineering Construction Co.

Subject: Comments on Proposed Control Measure for Ocean-Going Vessels at Berth

Comment:

Please see attached.

Attachment: www.arb.ca.gov/lists/com-attach/5-ogvatberth2019-WzYCbVQ+BHkEclUx.pdf

Original File Name: mik.pdf

Date and Time Comment Was Submitted: 2019-11-13 14:06:13

No Duplicates.

There are no comments posted to To Consider Proposed Control Measure for Ocean-Going Vessels At Berth (ogvatberth2019) that were presented during the Board Hearing at this time.